

WG IS6545 X-Ray Hand Baggage & Parcel Scanner

Product Code: 1010-14

Key Features



160 kV Generator



High Image Resolution with 24-Bit Colour



Real-Time Image Manipulation



39 mm Steel Penetration



Real-Time Self Diagnostics



6 colour imaging



Overview

The WG IS6545 X-Ray Hand Baggage & Parcel Scanner is a cost-effective and reliable scanning system built with a narrow frame and large tunnel dimensions that enable it to screen a wide range of bags and parcels at checkpoints with limited space.

Its powerful generator provides steel penetration of 39 mm, and crisp, high-resolution images, with best-in-class software, it allows operators to identify materials, recognise objects, and isolate threats with better speed and accuracy.

Its superior image quality enables higher throughput, with less time spent on secondary inspections.

An efficient and high-performance system, the scanner provides powerful protection against threats from weapons, narcotics, and contraband.

Features

High Image Resolution with 24-Bit Colour

Enhanced Material Discrimination

Windows Operating System with Intel® Core™ Processor

Real-Time Self Diagnostics

Picture perfect image analysis

General Specifications

Conveyor Capacity evenly distributed	165 kg
Conveyor Height	71.9 cm from floor
Conveyor Speed	23 cm/ s forward or reverse
Dimensions	L153.4cm x W88.8cm x H130.5cm
Net Weight	431 kg
Shipping Weight	600 kg
Tunnel Size	W65.0cm x H45.1cm

Technical Specifications

Steel Penetration	39 mm Typical, 37 mm Standard
Wire Resolution	40 AWG Typical, 38 AWG Standard

X-Ray Generator & Image Performance

Beam Direction	Diagonally upward
Cooling	Sealed Di-electric oil bath with forced air
Duty Cycle	100%, No warm-up procedure required
Tube Current	0.7mA
Voltage	160kV, Operating at 150kV

Computer & Video

Power Conditioner	Automated Voltage Regulator, 600VA
Display Resolution	1280 x 1024; 24 bit/ pixel colour
Display Type	Single 19" flat panel colour monitor
Memory	4 GB RAM
Platform	Windows OS
Storage Capacity	1 TB HDD, 240 GB SSD

Environmental

Humidity	Up to 95% non-condensing
Operating Temperature	0°C to 40°C
Storage Temperature	-20°C to 60°C

Electrical

System Power	110 VAC +/- 10% 50/60Hz, 20 amp max, 220VAC +/- 10% 50/60Hz, 15 amp max
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Health and Safety

Compliant with USFDA Center for Devices and Radiation Health Standards for Cabinet X-Ray Systems (21-CFR 1020.40)
Typical radiation leakage is less than 0.1 mR/hr
(Leakage less than 0.5 mR/hr permitted by U.S. Federal Standards)

Generator Upgrade

Upgrade to 180kV Generator	
Penetration:	41 mm Steel Typical, 39 mm Standard

Standard Features	Optional Features
6 colour imaging	Barcode scanning
Colour and black & white imaging	Density alert
Geometric image distortion correction	Local language
High penetration function	Safe passage® computer based training
Organic/ inorganic imaging	Screener assist software
Picture perfect	Test case
Pseudo colour	Threat Image Protection (TIP) software
Real-time image manipulation	24" flat panel monitor
Reverse monochrome	Custom paint
Atomic Z-number measurement	Environmental kit
Material discrimination	Entry/ exit roller tables
9 quadrant zoom	Footmat operator interlock
Continuous scanning	Heavy duty casters
Continuous zoom up to 64x	Mobility kit
Vertical zoom panning	Radiation meter
Auto image archiving	Remote workstation configuration
Image review	Uninterruptible power supply (UPS)
Save image (RGB)	Dual monitors (19" or 24")
Image annotation	Sloped conveyor
JPEG conversion	
Print image capable	
Multi-tier accessibility	
Network ready	
Real-time self diagnostics	
Baggage counter	

